

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT:	King et al.	}	EXAMINER:	Chowdhury
SERIAL NO.:	10/553,097		ART UNIT:	1652
FILED:	October 13, 2005		CONFIRMATION NO.:	4772
TITLE:	Oxygen Resistant Hydrogenases and Methods for Designing and Making Same			

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND REMARKS**

Sir:

In response to the October 12, 2007 Final Office Action, please amend the above-identified application as follows:

Amendments to the claims begin on page 2.

Remarks begin on page 5.

Submitted concurrently with this response is Applicants' Request for Continued Examination.